

FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

7885.33USD1

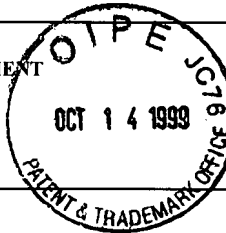
Application Number:

08/881,393

Applicant: FODSTAD, et al.

Filing Date: June 24, 1997

Group Art Unit: 1641



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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
a	5,095,097	Mar. 10, 1992	Hermentin et al.			
	5,536,644	Jul. 16, 1996	Ullman et al.			
	5,374,531	Dec. 20, 1994	Jensen			
	5,256,532	Oct. 26, 1993	Melnicoff et al.			
	5,264,344	Nov. 23, 1993	Sneath			
	5,424,213	Jun. 13, 1995	Mougin			
	5,491,068	Feb. 13, 1996	Benjamin et al.			
	5,514,340	May 7, 1996	Lansdorp et al.			
	5,624,815	Apr. 29, 1997	Grant et al.			
	4,925,922	May 15, 1990	Byers et al.			
	5,322,678	Jun. 21, 1994	Morgan, Jr. et al.			
	4,510,244	Apr. 9, 1985	Parks et al.			
	5,340,719	Aug. 23, 1994	Hajek et al.			
	5,326,696	Jul. 5, 1994	Chang			
	5,405,784	Apr. 11, 1995	Van Hoegaerden			
	5,219,763	Jun. 15, 1993	Van Hoegaerden			
✓	5,194,300	Mar. 16, 1993	Cheung			
a	5,290,707	Mar. 1, 1994	Wood			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
a	WO A1 94/07139	Mar. 31, 1994	PCT				
a	94/07138	Mar. 31, 1994	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

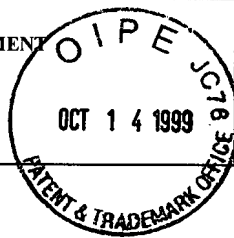
a	January 1993	BIO/TECHNOLOGY, Volume 11, Bjorn-Ivar Haukanes et al., "Application of Magnetic Beads in Bioassays" page 60.
	1990	SCAND J. IMMUNOL, Volume 31, J. Heldrup, "A New Technique Using an Aggregating Antibody Against Glycophorin in-A for Puring Ficoll-Paque-Separated Leucocytes of Contaminating Erythroid Lineage Cells", page 289 - page 296, see "Materials and methods" and page 295, right column.
	1997	Rye, et al.; "Immunobead Filtration"; <i>American Journal of Pathology</i> ; January 1997; Vol. 150, No. 1, pp. 99-107.
a	1993	A. Bennick et al.; "A Rapid Method for Selecting Specific Hybridoma Clones using Paramagnetic Dynabeads"; <i>Scand. J. Immunol.</i> ; 1993; pp. 212-214.

EXAMINER

DATE CONSIDERED

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<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 7885.33USD1		Application Number: 08/881,393	
	Applicant: FODSTAD, et al.			
	Filing Date: June 24, 1997		Group Art Unit: 1641	



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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
u	098 534	Jan. 18, 1984	EPO	/	/	/	/
	339 769	Nov. 2, 1989	EPO				
	131 934	Jan. 23, 1985	EPO				
	95/24648	Sep. 14, 1995	PCT				
	EP 129 434	Sept. 6, 1989	EPO				
	EP 256 471	Feb. 24, 1988	EPO				
	WO 88/05309	July 28, 1988	PCT				
	WO 94/02016	Feb. 3, 1994	PCT				
	WO 91/09058	June 27, 1991	PCT				
	WO 95/34817	Dec. 21, 1995	PCT				
u	403960	Jun. 14, 1990	EPO	/	/	/	/
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
u	1989	Abstract of Accession no. 90658782 Cancerlit; "Fourth International Conference on Monoclonal Antibody Immunoconjugates for Cancer"; March 30 to April 1, 1989, San Diego, CA, UCSD Cancer Center.					
	1992	Abstract of Crews J.R. et al.; <i>Int. Journ. of cancer</i> ; July 9, 1992; Vol. 51, no. 2.					
	1994	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01046200, Cancerlit accession no. 94290389, Lemoli RM et al: "Positive selection of hematopoietic CD34+ stem cells provides 'indirect purging' of CD34- lymphoid cells and the purging efficiency is increased by anti-CD2 and anti-CD30 immunotoxins", <i>Bone Marrow Transplant</i> ; 13(4):465-71, 1994.					
	1994	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01018250, Cancerlit accession no. 94084695, Myklebust AT et al: "Comparison of two antibody-based methods for elimination of breast cancer cells from hman bone marrow", <i>Cancer Res</i> ; 54(1):209-14, 1994.					
	1991	/	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 00803246, Cancerlit accession no. 91348943, Tecce R. et al: "Production and Characterization of two Immunotoxins Specific for M5B An11 Leukaemia", <i>Int J. Cancer</i> 49(2):310-6, 1991.				
	1986	/	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 00447849, Cancerlit accession no. 86110672, Tonevitsky AG et al: "Elimination of Murine Erythroleukemic Stem Cells with a Novel Anti-Erythroid Antibody Conjugated to Ricin a-chain: A Model for Studies of Bone-Marrow Transplantation Therapy", <i>Int. J. Cancer</i> ; 37(2):263-73, 1986.				
u	1996	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01268628, Cancerlit accession no. 97031812, Kvalheim G. et al: "Purging of tumor cells from leukapheresis products: experimental and clinical aspects", <i>J. Hematother</i> ; 5(4):427-36, 1996.					

EXAMINER	c. el.	DATE CONSIDERED	2/10/00
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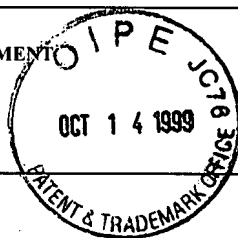
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u	241 042	Oct. 14, 1987	EPO				
	WO 94/07142	Mar. 31, 1994	PCT				
	2638849	May 11, 1990	France				
	3811566	Oct. 27, 1988	Germany				
	537 827	Apr. 21, 1993	EPO				
u	WO 96/31777	Oct. 10, 1996	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
u	1994	K.M. Stray, et al.; "Purging Tumor Cells from Bone Marrow or Peripheral Blood Using Avidin-Biotin Immunoabsorption"; <i>Advances in Bone Marrow Purging and Processing</i> ; 1994; Orlando: Wiley-Liss, Inc.; pp 97-103.					
	1989	Hitoshi Maeda; "Applicability of an Immuno-microsphere Technique for a Forensic Identification of ABO Blood Types: The Use of Fluorescent Microspheres"; <i>Jpn J. Legal Med.</i> ; 1989; pp. 322-327.					
	1996	Andrew J. Beavis, et al.; "Detection of Cell-Surface Antigens Using Antibody-Conjugated Fluorosphers (ACF): Application for Six-Color Immunofluorescence"; <i>Biotechniques</i> ; 1996; pp. 498-503.					
		Derwent accession no. 93-173192, Toyobo KK: "Sensitivity detection of ligand-receptor reaction-by combining fluorescent fine particles with objective substance, passing mixt. through flow cytometer, counting number of agglomerates etc."; & JP,A,5107249, 930427, DW9321					
	1985	K.A. Muirhead, et al.; "Flow Cytometry: Present and Future"; <i>Biotechnology</i> ; April 1985; Vol. 3, pp. 337-356					
	1986	Michael J. Bjorn, et al.; "Antibody-Pseudomonas Exotoxin A Conjugates Cytotoxic to Human Breast Cancer Cells in Vitro"; <i>Cancer Research</i> ; July 1986; pp. 3262-3267.					
	1989	Ian c. Anderson, et al.; "Elimination of Malignant Clonogenic Breast Cancer Cells from Human Bone Marrow"; <i>Cancer Research</i> ; pp. 4659-4664.					
	1991	K.C. O-Briant, MS, et al.; "Elimination of Clonogenic Breast Cancer Cells from Human Bone Marrow"; <i>Cancer</i> ; 1991; pp. 1272-1278.					
	1993	C.L. Tyer, et al.; "Breast Cancer Cells are Effectively Purged from Peripheral Blood Progenitor cells Using an Immunomagnetic Technique"; Abstract to First meeting of International Society for Hematotherapy and Graft Engineering, Orlando, FL, 1993.					
	1992	Fiorenzo Stirpe, et al.; "Ribosome-Inactivating Proteins from Plants: Present Status and future Prospects"; <i>Bio/Technology</i> ; April 1992; Vol. 10, pp. 405-412.					
	1993	Luigi Barbieri, et al.; "Ribosome-inactivating proteins from plants"; <i>Biochimica et Biophysica Acta</i> ; 1993; pp. 237-282.					
	1994	R.M. Lemoli, et al.; "Positive selection of hematopoietic CD34+ stem cells provides 'indirect purging' of CD34- lymphoid cells and the purging efficiency is increased by anti-CD2 and anti-CD30 immunotoxins"; <i>Bone Marrow Transplantation</i> ; 1994; pp. 465-471.					
u	1992	I.J. Diel, et al.; "Detection of Tumor Cells in Bone Marrow of Patients with Primary Breast Cancer: A Prognostic Factor for Distant Metastasis"; <i>Journal of Clinical Oncology</i> ; 1992; pp. 1534-1539.					

EXAMINER	<i>P. Q.</i>	DATE CONSIDERED	<i>2/11/00</i>
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						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
u	1993	Arne T. Muklebust, et al.; "Eradication of Small Cell Lung Cancer Cells from Human Bone Marrow with Immunotoxins"; <i>Cancer Research</i> , 1993; pp. 3784-3788.					
	1993	William P. Peters, et al.; "High-Dose Chemotherapy and Autologous Bone Marrow Support as Consolidation After Standard-Dose Adjuvant Therapy for High-Risk Primary Breast Cancer"; <i>Journal of Clinical Oncology</i> ; June 1993; Vol. 11, No. 6, pp. 1132-1143.					
	1994	James O. Armitage, M.D.; "Bone Marrow Transplantation"; <i>New England Journal of Medicine</i> ; March 24, 1994; Vol. 330, No. 12, pp. 827-838.					
	1990	Thomas J. Moss, et al.; "Contamination of Peripheral Blood Stem Cell Harvests by Circulating Neuroblastoma Cells"; <i>Blood</i> ; 1990; Vol. 76, No. 9, pp. 1879-1883.					
	1993	Amy A. Ross, et al.; "Detection and Viability of Tumor Cells in Peripheral Blood Stem Cell Collections From Breast Cancer Patients Using Immunocytochemical and clonogenic Assay Techniques"; <i>Blood</i> ; 1993; Vol. 82, No. 9, pp. 2605-2610.					
	1993	Malcolm K. Brenner, et al.; "Gene-marking to trace origin of relapse after autologous bone-marrow transplantation"; <i>Lancet</i> ; 1993; pp. 85-86.					
	1991	John G. Gribben, M.D., et al.; "Immunologic Purging of Marrow Assessed by PCR Before Autologous Bone Marrow Transplantation for B-Cell Lymphoma"; <i>New England Journal of Medicine</i> ; November 28, 1991; Vol. 325, No. 22, pp. 1525-1533.					
	1994	Elizabeth J. Shpall, et al.; "Release of Tumor Cells from Bone Marrow"; <i>Blood</i> ; February 1, 1994; pp. 623-625.					
	1994	Wolfram Brugger, et al.; "Mobilization of Tumor Cells and Hematopoietic Progenitor Cells Into Peripheral Blood of Patients With Solid Tumors"; <i>Blood</i> ; 1994; Vol. 83, No. 3, pp. 636-640.					
	1992	Ger J. Strous, et al.; "Mucin-Type Glycoproteins"; <i>Critical Reviews in Biochemistry and Molecular Biology</i> ; 1992; pp. 57-92.					
	1986	Lou de Leij, et al.; "The Use of Monoclonal Antibodies for the Pathological Diagnosis of Lung Cancer"; In: H.H. Hansen (ed), <i>Lung Cancer: Basic and Clinical Aspects</i> ; Boston: Martinus Nijhoff Publishers, 1986; pp. 31-48.					
	1992	Aslak Godal, et al.; "Immunotoxins directed Against the High-Molecular-Weight Melanoma-Associated Antigen. Identification of Potent Antibody-Toxin Combinations"; <i>Int. J. Cancer</i> ; 1992; pp. 631-635.					
	1978	V.D. Courtenay, et al.; "An In Vitro Colony Assay For Human Tumours Grown in Immune-Suppressed Mice and Treated In Vivo with Cytotoxic Agents"; <i>Br. J. Cancer</i> ; 1978; pp. 261-268.					
	1992	M.Y. Wang, et al.; "An effective immunomagnetic method for bone marrow purging in T cell malignancies"; <i>Bone Marrow Transplantation</i> ; 1992; pp. 319-323.					
	1994	Arne T. Myklebust, et al.; "Comparison of Two Antibody-based Methods for Elimination of Breast Cancer Cells from Human Bone Marrow"; <i>Cancer Research</i> ; 1994; pp. 209-214.					
	1993	Connie J. Eaves; "Peripheral Blood Stem Cells Reach New Heights"; <i>Blood</i> ; 1993; pp. 1957-1959.					
u	1994	Elizabeth J. Shpall, et al.; "Transplantation of Enriched CD34-Positive Autologous Marrow Into Breast Cancer Patients Following High-Dose Chemotherapy: Influence of CD34-Positive Peripheral-Blood Progenitors and Growth Factors on Engraftment"; <i>Journal of clinical Oncology</i> ; 1994; Vol. 12, No. 1, pp. 28-36.					

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